



PRESS RELEASE

新聞稿

APAS Collaborates with Foshan Xianhu Laboratory

Jointly Promoting High-quality Hydrogen Vehicles and New Energy Industry Development in GBA

(Hong Kong, 13 July 2023) In response to the nation's and Hong Kong's carbon peak and carbon neutrality policies, the Automotive Platforms and Application Systems R&D Centre (APAS) recently signed a strategic cooperation framework agreement (the Agreement) with Foshan Xianhu Laboratory to commence collaboration and advance hydrogen and new energy-related technologies. The goal is to inject new impetus into the high-quality development of hydrogen vehicles and the new energy industry in the Guangdong-Hong Kong-Macao Greater Bay Area (GBA).

The National 14th Five-Year Plan and the HKSAR Government's Hong Kong Innovation and Technology Development Blueprint (the Blueprint) have been focusing on developing new energy technology and propelling the use of hydrogen and new energy. To further align with the Government's development direction and policies, APAS and Foshan Xianhu Laboratory coordinate efforts to boost high-quality hydrogen vehicles and the new energy industry in GBA, providing technical support for the utilisation of hydrogen and hydrogen-ammonia technology, and the government policies and strategies.

Mr Allan LAI, General Manager of APAS, said, "The HKSAR Government places great emphasis on developing the hydrogen industry, advocating green transportation, and launching various measures to drive green and environmentally-friendly industries, new energy vehicles, and smart mobility. The Blueprint also prioritises the advancement of new energy technology development. APAS has focused on hydrogen development in recent years, and we have successfully developed the hydrogen fuel cell off-grid charger and hydrogen fuel cell forklift."

Mr SHI Si-qing, Executive Deputy Director of Foshan Xianhu Laboratory, said, "I am very pleased to have reached APAS, a leader in the hydrogen energy technology development in Hong Kong. New energy technology is one of the strategic emerging industries proposed in the National 14th Five-Year Plan. With the collaboration with APAS and combining with our expertise in the hydrogen and new energy development, we could jointly promote the use of new energy and hydrogen energy and establish GBA as an environmentally friendly and livable smart city."

APAS has been collaborating with industry, academia, and research sectors in Hong Kong to develop technology and assist the basic and primary industries in entering or expanding into the new energy vehicle market. Foshan Xianhu Laboratory is a provincial-level laboratory platform in Guangdong Province, focusing on the research and commercialisation of key materials and core technologies in hydrogen and ammonia-hydrogen fusion new energy. In this collaboration, the two parties focus on researching and testing key materials for fuel cells, integrated development of hydrogen vehicles, and other aspects. Through information and technology exchange, demonstration applications, industrial policy recommendation, and support for research and training activities in the hydrogen industry, the partnership aims to promote the application of hydrogen vehicles and the development of new energy in the region.

- Ends -

Photo caption

Mr Allan LAI, General Manager of APAS (second from right), and Mr SHI Si-qing, Executive Deputy Director of Foshan Xianhu Laboratory (fourth from left), signed the Agreement to jointly promote the development of the new energy vehicle industry in GBA.



About Automotive Platforms and Application Systems (APAS) R&D Centre

The Automotive Platforms and Application Systems R&D Centre (APAS) is set up under the R&D Centre Programme of the Innovation and Technology Commission and was hosted by the Hong Kong Productivity Council (HKPC) until 31 October 2012. The Centre was merged with HKPC with effect from 1 November 2012. The Centre continues to undertake market-led R&D programmes as well as commercialises R&D results in collaboration with industry, universities and technology institutes in the area of automotive parts and accessory systems. The aim is to enhance the capabilities and competitiveness of Hong Kong's automotive parts and accessory systems industry, which is made up of different industry sectors including the foundation industries.

About Foshan Xianhu Laboratory

Foshan Xianhu Laboratory (FXL) of the Advanced Energy Science and Technology Guangdong Laboratory was founded by Foshan Municipal People's Government as its government-sponsored institution. It has been approved to set up Guangdong Academician Workstation and Provincial Doctor Workstation.



PRESS RELEASE

新聞稿

FXL is located in Danzao hydrogen Valley and Southern Park, with a construction area of 80000 m² approximately. 200 staff, including academician and higher-level talents, work for it. There are 100 doctoral and postgraduate students completing their researches in here each year.

The laboratory is committed to the development of Chinese hydrogen energy and fuel cell industry, integrating high-end innovation resources at home and abroad, creating a domestic first-class and international leading strategic scientific and technological innovation platform in the field of new energy and new materials.

About Hong Kong Productivity Council

The Hong Kong Productivity Council (HKPC) is a multi-disciplinary organisation established by statute in 1967, to promote productivity excellence through relentless drive of world-class advanced technologies and innovative service offerings to support Hong Kong enterprises. Being a key enabler of Industry 4.0 and Enterprise 4.0, HKPC strives to facilitate new industrialisation in Hong Kong, as well as bolstering Hong Kong to be an international innovation and technology centre and a smart city. The Council offers comprehensive innovative solutions for Hong Kong industries and enterprises, enabling them to achieve resources and productivity utilisation, effectiveness and cost reduction, and enhance competitiveness in both local and overseas marketplace. The Council partners and collaborates with local industries and enterprises and world-class R&D institutes to develop applied technology solutions for value creation. It also benefits a variety of sectors through product innovation, technology transfer, and commercialisation, bringing enormous business opportunities ahead. HKPC's world-class R&D achievements have been widely recognised over the years, winning an array of local and overseas accolades.

In addition, HKPC offers SMEs and startups immediate and timely assistance in coping with the ever-changing business environment, and strengthens talent nurturing and Hong Kong's competitiveness with FutureSkills training for enterprises and academia to enhance digital capabilities and TechEd competencies. For more information, please visit HKPC's website: www.hkpc.org/en.

Media Enquiry

Corporate Communications Unit
Corporate Development Division
Hong Kong Productivity Council
Tel: (852) 2788 5833
Email: mediacentre@hkpc.org